



NITFS Compliance Registration



Product: Deep Archive, version 2.0.010

Sponsor: U.S. Army and Intelligence Center and Fort Huachuca

Developer: Impact Imaging Inc.

Date: 22 March 2002

Expiration: 21 March 2004

Registration #: 2017

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- PC 1-GHz AMD (Windows 98 second edition)

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

☒ v2.1

☒ v2.0

☐ v1.1

NSIF

☐ v1.0

Pixel Value Types

☒ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☒ Bit Mapped **

☒ CGM, 2301

☒ CGM, 2301A

☒ Labels **

Text Segments

☒ STA

☒ UT1

☒ U8S

☒ MTF

Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NODISPLAY

☐ POLAR

Image Compression

☐ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☒ Bi-Level

☒ Vector Quantization

☒ Multispectral JPEG, Individual Band

Data Extension Segments

☐ TRE_OVERFLOW

☒ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

- None implemented

CHRISTOPHER K. LONG, Acting Division Chief
Joint Interoperability Test Command
Executive Agent to National Imagery & Mapping Agency
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.